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5892905.pn.	2

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Search History

DATE: Saturday, March 04, 2006 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L17	5892905.pn.	2	L17
L16	5710915.pn.	2	L16
L15	5933816.pn.	2	L15
L14	5873066.pn.	2	L14
L13	5907848.pn.	2	L13
L12	5638508.pn.	2	L12
L11	L6 and (key with mask or key near mask or key adj mask)	5	L11
L10	L6 and wildcard	19	L10
L9	L7 and wildcard	7	L9
L8	L7 and wildcard with key with element with value	0	L8
L7	L6 and (paramenter with values or parameter near values or parameter adj values)	45	L7
L6	L5 and (data with elements or data near elements or data adj elements)	181	L6

L5	L4 and (key with elements or key near elements or key adj elements)	200	L5
L4	L3 and (key with values or key near values or key adj values)	635	L4
L3	L2 and (key with definition or key near definition or key adj definition)	876	L3
L2	L1 and relational or object-oriented near (database or data with base)	28640	L2
L1	(database or data with base)	979087	L1

END OF SEARCH HISTORY

L7: Entry 32 of 45 File: USPT Apr 20, 1999

US-PAT-NO: 5896530
DOCUMENT-IDENTIFIER: US 5896530 A

TITLE: Portable and dynamic distributed applications architecture

DATE-ISSUED: April 20, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
White; John W.	Dallas	TX		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Sterling Software, Inc.	Dallas	TX			02

APPL-NO: 08/374451 [PALM]
DATE FILED: January 18, 1995

PARENT-CASE:
This is a divisional of application Ser. No. 08/086,564, filed Jun. 30, 1993, now U.S. Pat. No. 5,428,782, which is a continuation of Ser. No. 972,882, filed on Nov. 3, 1992, abandoned, which is a continuation of Ser. No. 414,221, filed on Sep. 28, 1989, abandoned.

INT-CL-ISSUED: [06] G06 F 9/00

US-CL-ISSUED: 395/671; 707/1
US-CL-CURRENT: 718/102; 707/1

FIELD-OF-CLASSIFICATION-SEARCH: 395/700, 395/671, 395/600, 707/1-5
See application file for complete search history.

PRIOR-ART-DISCLOSED:

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Search Selected Search ALL Clear

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
☐	4333144	June 1982	Whiteside et al.	395/672
☐	4454579	June 1984	Pilat et al.	395/589
☐	4455619	June 1984	Masui et al.	345/509
☐	4525780	June 1985	Bratt, et al.	711/163

☐	4530051	July 1985	Johnson et al.	395/200.33
☐	4575816	March 1986	Hendrickson et al.	345/336
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☐	4734854	March 1988	Afshar	395/703
☐	4809170	February 1989	Leblang et al.	395/703
☐	4841441	June 1989	Nixon et al.	706/45
☐	4860204	August 1989	Gendron et al.	395/702
☐	4881166	November 1989	Thompson et al.	707/8
☐	4882674	November 1989	Quint et al.	395/684
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☐	4984180	January 1991	Wada et al.	345/433
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"Extending the Darts Software Design Method to Distributed Real Time Applications," By Gomaa, Hassen, Proceedings of the Twenty-First Annual Hawaii International Conference on System Sciences, vol. II Software Track, pp. 252-261, Jan. 1988.

ART-UNIT: 275

PRIMARY-EXAMINER: Oberley; Alvin E.

ASSISTANT-EXAMINER: Courtenay, III; St. John

ATTY-AGENT-FIRM: Baker & Botts, L.L.P.

ABSTRACT:

A system and method is shown for enabling a plurality of computers and associated computer resources, some or all of which my be of heterogeneous configuration, to cooperatively process various application such that the execution is transparent to the user regardless of where the application is actually executing. This distributed applications architecture performs an information distribution service between multiple transaction processing systems by working with a transaction processor via communication channels to other hosts within the network and a dialog manager which uses a transaction processor via communication channels to other hosts within the network and a dialog manager which uses a transaction processor interface to communication with the transaction processor. The architecture employs a map service which provides an editor to create the maps for the application panels, a compiler to generate the maps into a linkable form, and linkable interpreter which translates the linkable form into the screen presentation format for that platform. To distribute an application, the source code for the procedures, views and panels are moved as a block to the new system. This is possible because once the application source code is complete, all application logic, user interface control tables, view definitions, and other application specific tables for one transaction definition are packaged by the present invention in a single load module on the system where the application will reside. The load module is then compiled using the target system's compiler, link editor, and bind process. Thus, all environment-dependant variation of import/export are automatically integrated with the application at load module bind time, requiring no source code changes.

54 Claims, 265 Drawing figures

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L7: Entry 34 of 45 File: USPT Oct 20, 1998

US-PAT-NO: 5826076
DOCUMENT-IDENTIFIER: US 5826076 A
**** See image for Certificate of Correction ****

TITLE: Computer-based information access method and apparatus to permit SQL-based manipulation of programming language-specific data files

DATE-ISSUED: October 20, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bradley; John	Austin	TX		
Hewett; Frederick A.	Austin	TX		
Sinclair; Bruce D.	Round Rock	TX		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Liant Software Corporation	Framingham	MA			02

APPL-NO: 08/242167 [PALM]
DATE FILED: May 13, 1994

INT-CL-ISSUED: [06] G06 F 17/30

US-CL-ISSUED: 395/604; 395/703, 395/708
US-CL-CURRENT: 707/4; 717/114, 717/120

FIELD-OF-CLASSIFICATION-SEARCH: 395/54, 395/575, 395/600, 395/650, 395/700, 395/602-604, 395/703, 395/708
See application file for complete search history.

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected Search ALL Clear

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
☐	4918588	April 1990	Barrett et al.	364/DIG.1
☐	4918593	April 1990	Huber	364/DIG.7
☐	4930071	May 1990	Tou et al.	395/600
☐	4931928	June 1990	Greenfeld	395/600

☐	5091852	February 1992	Tsuchida et al.	395/600
☐	5230049	July 1993	Chang et al.	395/700
☐	5295222	March 1994	Wadhwa et al.	395/1
☐	5307484	April 1994	Baker et al.	395/600
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International Search Report, PCT/US95/05851; Sep. 26, 1995.
International Application Published Under the Patent Cooperation Treaty, No. WO 93/07564 (Apr. 15, 1993).

ART-UNIT: 237

PRIMARY-EXAMINER: Black; Thomas G.

ASSISTANT-EXAMINER: Alam; Hosain T.

ATTY-AGENT-FIRM: Arnold, White & Durkee

ABSTRACT:

A method and apparatus that permits creation, reading and modification of 3GL application programs by SQL requests. A catalog is created by selecting source programs from 3GL application data for which file definitions are to be extracted, identifying specific files within the selected source programs to be processed, extracting appropriate schema from the selected files, and recording the appropriate schema in a catalog. Once the 3GL-specific data schema contained in the application source has been extracted and stored in the catalog, the relational database which is to be based upon the data represented by the 3GL schema is defined and stored in the system catalog so that tables in the relational database may be accessed by a runtime SQL database engine. Further, both 3GL data and relational database data may be modified and maintained with a single tool set. After the catalog is created, the invention uses the catalog to process SQL requests in order to access the relational database representation of the 3GL data by parsing the SQL query request, generating a set of possible execution plans for manipulating the relational form of the data, selecting an optimal plan based upon information provided from the system catalog, and executing the plan by servicing the SQL request for relational data from the underlying 3GL data files described in the system catalog.

23 Claims, 148 Drawing figures

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